

CLAIMS

1. Electrooptical element made of a crystal for an electrooptical modulator (EOM), e.g. Pockels cell, with a housing (5), with the crystal (4) arranged therein in the form of a vertical cylinder whose two cover surfaces form a front plane for a light beam to enter and an exit plane (41) arranged at a distance therefrom and against each of which an annular electrode (1) is placed, and with a holder provided between said housing on one side and both the lateral surface of said crystal and said two annular electrodes on the other side,
characterized in that said holder comprises an O-ring (2) made of an electrically conducting material that extends concentrically about each annular electrode (1) and that forms a closed annular space between it and said housing (5) and comprises a hardened filling compound (3) that fills said annular space.
2. Element in accordance with claim 1, characterized in that said housing (5) has in its case a fill aperture (6) for said filling compound (3).
3. Element in accordance with claim 1 or 2, characterized in that said filling compound (3) comprises a plastic.
4. Element in accordance with claim 3, characterized in that said plastic for said

filling compound (3) comprises resins, epoxies, lacquers, waxes, thermoplastics, elastomers, duromers, and/or acrylates.